GOVERNMENT OF INDIA
RAILWAYS
LOK SABHA

UNSTARRED QUESTION NO:2807
ANSWERED ON:14.03.2013
POWER PLANTS
Sugavanam Shri E.G.

Will the Minister of RAILWAYS be pleased to state:

(a) the present status of setting up of bio-diesel plants, solar-power plants and wind-power plants in the country, State-wise;

(b) the details of estimated cost and power generation capacity thereof, plant-wise;and

(c) the time by which these plants are likely to become functional?

Answer

MINISTER OF STATE IN THE MINISTRY OF RAILWAYS (SHRI ADHIR RANJAN CHOWDHURY)

(a) to (c) A Statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (c) OF UNSTARRED QUESTION NO.2807 BY SHRI E.G. SUGAVANAM TO BE ANSWERED IN LOK SABHA ON 14.03.2013 REGARDING POWER PLANTS.

(a) (1) Bio-Diesel:-

At present two Bio-diesel plants are being setup of 30 tons per day capacity. The plants are being setup at Raipur (Chhattisgarh) and Chennai (Tamil Nadu), both the plants are at a advanced stage and are expected to be completed in the next financial year, subject to fund availability.

(2) Solar Power:-

(i) Details of solar and wind power plants proposed to be provided are appended. These would take 2-3 years to complete, subject to fund availability.

(ii) Railways have also proposed following solar power pilot projects on moving trains which have been included in the Railway Budget and are awaiting the formal sanction of the Parliament.

Provision of Train lighting power in 750 Guard Vans (BVZIs) using solar power at a total cost of rs 8.47 Cr.

Provision of Solar Power for train lighting of DEMU (Diesel Electric multiple Unit) coaches at a total cost of rs 7.20 Cr.(30 coaches). This is expected to save roughly 9% fuel per DEMU.

(b) (1) Bio-Diesel:-

The estimated cost of the plants is 30 Cr.

(2) Solar Power:-

Estimated cost of 10 KWp capacity of solar power is rs 32.72 lacs.

Estimated cost of 10.5 MW wind power plant is rs 7307 lacs.

Estimated cost per Guard Van is rs 1.13 lacs.

Estimated cost per DEMU coach is rs 21.5 lacs.

(c) (1) Bio-Diesel:-

Both the plants are expected to be completed in the next financial year, subject to fund availability.

(2) Solar Power:-

(i) solar power and wind mill power projects will take 2-3 years subject fund availability.

(ii) Pilot projects on trains are awaiting formal sanction of the Parliament.